

In the Claims:

Please amend claims 17 and 19 as follows. The status of the claims is as follows:

1. (Withdrawn) A mold for forming an information pattern including servo information or address information on a substrate of a recording medium by pressing a concave and convex face onto the heated substrate, wherein

the mold is made from carbon.

2. (Withdrawn) The mold according to claim 1, wherein

said carbon is crystalline graphite whose covalent bond surface is formed perpendicularly to a pressing direction.

3. (Withdrawn) A mold for forming an information pattern including servo information or address information on a substrate of a recording medium by being pressed onto the heated substrate, comprising:

a carbon plate;

a bonding layer formed on the carbon plate; and

a crystalline graphite plate bonded onto said bonding layer, wherein

the crystalline graphite has a covalent bond surface that is formed perpendicularly to a pressing direction.

4. (Withdrawn) A method of manufacturing a mold for forming an information pattern including servo information or address information on a substrate of a recording medium by being pressed onto the heated substrate, comprising the steps of:

forming a mask corresponding to said information pattern on a carbon plate;  
etching said carbon plate in areas on which said mask is not formed; and  
removing said mask.

5. (Withdrawn) A method of manufacturing a mold for forming an information pattern including servo information or address information on a substrate of a recording medium by being pressed onto the heated substrate, comprising the steps of:

subjecting a crystalline graphite plate to cleavage;  
forming a mask corresponding to said information pattern on the crystalline graphite plate having been subjected to the cleavage;  
etching said crystalline graphite plate in areas on which said mask is not formed; and  
removing said mask.

6. (Withdrawn) The method of manufacturing a mold according to claim 5, further comprising the steps of:

bonding a carbon plate on a rear face of an etched surface of said crystalline graphite plate with a bonding layer being interpolated in between.

7. (Withdrawn) A method of manufacturing a mold for forming an information pattern including servo information or address information on a substrate of a recording medium by being pressed onto the heated substrate, comprising the steps of:

forming a resist pattern corresponding to said information pattern on a carbon plate;

forming a metal film on said carbon plate and resist;

lifting the resist formed on said carbon plate off together with the metal film formed on the resist;

etching the carbon plate using the metal film formed on said carbon plate as a mask; and

removing the metal film formed on said carbon plate.

8. (Withdrawn) A method of manufacturing a mold for forming an information pattern including servo information or address information on a substrate of a recording medium by being pressed onto the heated substrate, comprising the steps of:

forming a resist pattern corresponding to said information pattern on a carbon plate;

forming a second carbon layer on said carbon plate and resist; and

removing the resist formed on said carbon plate together with the second carbon layer formed on the resist.

9. (Withdrawn) A method of manufacturing a mold for forming an information pattern including servo information or address information on a substrate of a recording medium by being pressed onto the heated substrate, comprising the steps of:

forming a metal film on a carbon plate;  
forming a resist pattern corresponding to said information pattern on the metal film;  
etching said metal film in areas on which no resist pattern is formed;  
etching said carbon plate using the metal film formed on said carbon plate as a mask; and  
removing the metal film formed on said carbon plate and the resist on the metal film.

10. (Withdrawn) The method of manufacturing a mold according to claim 4, wherein,

the mask is formed and the outer or inner periphery of said carbon plate is cut, with said carbon plate being firmly fastened onto a supporting base.

11. (Withdrawn) The method of manufacturing a mold according to claim 7, wherein,

the resist pattern is formed and the outer or inner periphery of said carbon plate is cut, with said carbon plate being firmly fastened onto a supporting base.

12. (Withdrawn) The method of manufacturing a mold according to claim 8, wherein,

the resist pattern is formed and the outer or inner periphery of said carbon plate is cut, with said carbon plate being firmly fastened onto a supporting base.

13. (Withdrawn) The method of manufacturing a mold according to claim 9, wherein,

the resist pattern is formed and the outer or inner periphery of said carbon plate is cut, with said carbon plate being firmly fastened onto a supporting base.

14. (Withdrawn) A method of manufacturing a recording medium comprising the steps of:

heating a substrate of a recording medium; and

pressing the mold of claim 1 onto the substrate.

15. (Withdrawn) A method of manufacturing a recording medium comprising the steps of:

heating a substrate of a recording medium; and  
pressing the mold of claim 2 onto the substrate.

16. (Withdrawn) A method of manufacturing a recording medium comprising the steps of:

heating a substrate of a recording medium; and  
pressing the mold of claim 3 onto the substrate.

17. (Currently Amended) A substrate of a recording medium comprising:

a glass layer; and

an information pattern including servo information or address information,  
~~which is formed on the substrate~~ a surface of said glass layer, said surface having concave and convex shapes of a concave and convex face of a carbon mold used to form said information pattern on said surface,

wherein said information pattern is formed by pressing the face of the carbon mold on said glass layer when said glass layer is heated.

~~wherein the substrate is made of glass, and~~

~~the substrate is manufactured by using a mold, which is made of carbon, for forming the information pattern on the substrate by pressing a concave and convex face onto the heated substrate.~~

18. (Previously Presented) A substrate according to claim 17, wherein the carbon of mold is crystalline graphite whose covalent bond surface is formed perpendicularly to a pressing direction.

19. (Currently Amended) A substrate of a recording medium comprising:  
a glass layer; and  
an information pattern including servo information or address information,  
~~which is formed on the substrate~~ a surface of said glass layer, said surface having concave and convex shapes of a concave and convex face of a carbon mold used to form said information pattern on said surface,  
wherein said information pattern is formed by pressing said face of said carbon mold on said glass layer when said glass layer is heated;  
~~wherein the substrate is made of glass, and~~  
~~the substrate is manufactured by using a mold for forming the information pattern on the substrate by being pressed onto the heated substrate,~~  
the mold comprising:  
a carbon plate;  
a bonding layer formed on the carbon plate; and  
a crystalline graphite plate bonded onto said bonding layer,  
the crystalline graphite having a covalent bond surface that is formed perpendicularly to a pressing direction.

In the Abstract:

Please replace the current abstract with the following new abstract.

A substrate of a recording medium includes a glass layer and an information pattern including servo information or address information formed on a surface of the glass layer. The surface of the glass layer has a concave and convex shapes of a concave and convex face of a carbon mold used to form the information pattern. The information pattern is formed by pressing the face of the carbon mold when the glass layer is heated.